



4F/1638

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Attorney Docket No. 065697-0145

Applicants: Louis DeLesalle *et al.*

Title: RECOMBINANT PLANT GENOME, COMPRISING SPECIFIC  
CHICORY GENES AND A NUCLEOTIDE SEQUENCE  
CONFERRING MALE STERILITY, AND ITS USE

Application No.: 09/194,598

Filing Date: November 30, 1998

Examiner: David H. Kruse

Art Unit: 1638

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E. W. Johnson

9.19.02

**AMENDMENT AND RESPONSE TO FINAL REJECTION UNDER 37 C.F.R. § 1.116**

Commissioner for Patents  
BOX AF  
Washington, D.C. 20231

Sir:

This is a response to an Advisory Action dated August 7, 2002, and to an Office Action filed on May 13, 2002.

Prior to reconsideration, Applicants request that the Office enter the following amendments.

**In the Claims:**

Please cancel claims 13, 14, and 19, without prejudice or disclaimer, and please amend the following claims:

12. (Thrice Amended) A recombinant plant genome comprising at least one chicory gene and a male-sterility-conferring sequence with at least 50% homology with the sunflower orf 522 sequence, wherein said male-sterility-conferring sequence comprises polynucleotide sequences shown in SEQ ID NOS:1 and 2.

18. (Thrice Amended) A method of producing a plant of the chicory genus or reproducing material of a plant of the chicory genus exhibiting cytoplasmic male sterility, comprising integrating into a cell genome of the plant a male-sterility-

F1  
SUB G1

SUB G2

F2